C-A SCHEDULED SHUTDOWN – THURSDAY APRIL 29, 2004
REV. 2

RESULTS – 1600HRS THURSDAY APRIL 29, 2004

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AGS SHUTDOWN FOR C15 POLARIMETER MAINTENANCE
AGS SHUTDOWN PERIOD: 0600-1500HRS

A polarized proton store will be started before 0600. After that store is accepted by the RHIC shift leader, then the following should occur:

0600:

- **Begin AGS CA LOTO.**
- **Open Switchyard.**
- **Close AGS Ring Valves**
  Access to BLIP through Plug Door for BLIP window repair(HP survey and RWP required)

0700:

- **Enter AGS for surveys: A1 through H20, AGS Ring switchyard and CP103.**
- **Note: NO BEAM IN HEBT (BOOSTER CRITICAL DEVICES LB1 and LB2).**

1100-1500:

RHIC access: RF SECT. 4 – repair YA 3.2 PA(4hrs)
Exps. : - BRAHMS, PHENIX(remote access – 1 hr)
STAR(Restricted Access - 2hrs or less)

1200:

Complete work in AGS ring, begin C15 pump down.
Time permitting – F5/F10 heat run. SEB transport magnets test.
E20 Snake test(investigate readback noise)

1300:

RHIC access for Exps. ends

1400:

- **Begin removal of AGS LOTO (contingent on completion of polarimeter pumpdown).**

1500: RHIC Sect. 4 access ends.

- **AGS ready for beam.**

JOBS STATUS CODES: **C** complete **IP** in-process **RS** reschedule **CAN** cancelled ***** additions

RHIC (Remote Controlled Access From 1100-1500Hrs.)

C **BRAHMS** – Experimenter Access(1hr)
C **STAR** – Experimenter Access(2hrs)
C **PHENIX** – Experimenter Access(2hrs)

C **Stoicastic Cooling Sect. 11**
Replace Amplifier(RF Grp.)

C **RF YA 3.2 PA Repair(4hrs)**

C **Rotator 5C – investigate problem(Bruno)**

C **Ramp-down Study(Ganetis – 4hrs)**

RS **Dump Kickers – inspect capacitors**

FACILITIES
C Repair air-conditioning unit in 5B Alcove

AGS(external)

C 1. Vacuum - Troubleshoot the datacon networks for A3, D3, I3, J3 and J13 sector valve alarm problems (currently masked)
C 2. Vacuum – A10, E18, and H10 clear DNA read-backs.
RS 3. RFMG, 929 - Replace Ethernet boards on Sub PLC unit(Water Sys.)
C 5. Siemens – set-up/test new vibration interlock
C 6. Siemens MG – inspect brushes and laser cleaning
C 7. Siemens – install 206VAC switch for Cyclo Converter(Electricians)
C 8. Investigate H10 Ejector regulation problem(repaired bad controls gnd.)

AGS RING

C 1. C15 Polarimeter maintenance - Replace all Silicon Detectors
2. F5 Septum and F10 ejector – heat run.(Bannon)
C 3. Replace F5 Septum limit switch(Lehn)(**still problem with skew drive motor)**
RS 4. Measure for trench covers at F8 and I10.
C 5. Turn-on testing of SEB Switchyard magnets(FES)
C 6. Repair water leak on SEB Mag. CP103(FES)
C 7. AGS-913 - MM PSI Check across from ATR injection line, H-14 area on Cat Walk

C 8. Inspect A18 sleeve for future work(Zapasek)
C *9. Backflush F10 Ejector(Before-main 30GPM/coil 5.5, after 37and 6.0)
C 9. Vacuum – leak check EF Superperiods(**problem attributed to E10 controlled leak**)
C 10 Set-up A20 xformer beam intensity inhibit
C 11 Test SEB Splitters positioning controls(all okay)

LINAC

C 1. Change 7835 in Mod. 9
C 2. Polarized Source cleaning/conditioning
C 3. BLIP window repair

SEB/SWITCHYARD

C 1. Turn-on testing(White Sheets) of SEB Switchyard magnets for D Line run.(Anderson) Requires Radiation Safety LOTO removal to test DD8&9 and DD10&11.
C 2. Test/certify SEB beam interlocks(Access Ctrls.)